

# DRAFT

## NEVADA DIVISION OF ENVIRONMENTAL PROTECTION

### FACT SHEET

(pursuant to NAC 445A.236)

**Permittee Name:** Palm Mortuary  
1325 N. Main Street  
Las Vegas, Nevada 89101

**Permit Number:** NEV2000505

**Location:** Palm Mortuary  
800 S. Boulder Highway, Henderson, Clark County, Nevada  
T22S, R63E, Section 17  
Latitude: 36° 01' 40" N; Longitude: 114° 58' 01" W

**General Description of Facility and Discharge:** Palm Mortuary is a mortuary/cemetery facility located at 800 S. Boulder Highway, Henderson, Nevada. Currently, Palm Mortuary uses reclaimed water supplied by the City of Henderson's Water Reclamation Facility (WRF) (permit #NEV80003) for landscape irrigation at the mortuary/cemetery site. Reclaimed water is pumped to Palm Mortuary through the Black Mountain Pump Station. The reclaimed water quality is regulated under Permit #NEV80003 and currently meets all requirements under said permit. The reclaimed water meets Category B quality (NAC 445A.276).

Palm Mortuary currently irrigates 11 acres of turf grass with reclaimed water from WRF. Palm Mortuary utilizes rotor type sprinklers with retractable heads. The reclaimed water irrigation system is isolated and separate from the potable water system.

**Receiving Water Characteristics:** Depth to groundwater near the mortuary/cemetery site is in excess of 100 feet. Neither the City of Henderson nor private individuals utilize groundwater within a radius of four miles from this site. There are no surface bodies of water near the site. Groundwater monitoring wells are not proposed for this site.

**Flow:** The current annual flow of discharge for irrigation has been established at 50,000 gallons per day (56 acre-feet per year (18.25 million gallons per year)). The total quantity of reclaimed water authorized for use at this site by WRF is 182 acre-feet per year.

**Proposed Effluent Limitations:** The discharge shall be limited and monitored by the Permittee as specified below.

PARAMETERS	EFFLUENT DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS	
	30-Day Annual Average	Monthly Maximum	Measurement Frequency	Sample Type
Flow (mgd)	Monitor & Report	Monitor & Report	Continuous	Flow Meter
Annual Water Application Volume <sup>2</sup> (acre-feet)	Monitor & Report <sup>1</sup>		Cumulative	Calculate
Fecal Coliform (cfu, mpn)	2.2 cfu (mpn)/100 ml <sup>2</sup>	23.0 cfu (mpn)/100 ml <sup>2</sup>	Weekly	Discrete

<sup>1</sup> Annual Water Application Volume shall be reported in the 4<sup>th</sup> Quarter (annually report, as per Part I.E.2.a.iii of this permit).

<sup>2</sup> Results may be obtained from the DMR report of reclaimed water quality provided by WRF under permit #NEV80003.

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**Procedures for Public Comment:** The Notice of the Division's intent to issue a permit authorizing the facility to discharge to the groundwater of the State of Nevada subject to the terms and conditions contained within the permit, is being sent to the **Las Vegas Review-Journal** for publication. The notice is being mailed to interested persons on our mailing list. Anyone wishing to comment on the proposed permit can do so in writing until **June XX, 2006**, which is a period of at least 30 days following the date of the public notice. The comment period can be extended at the discretion of the Administrator.

A public hearing on the proposed determination can be requested by the applicant, any affected State, any affected interstate agency, or any interested agency, person or group of persons.

The request must be filed within the comment period and must indicate the interest of the person filing the request and the reasons why a hearing is warranted.

Any public hearing determined by the Administrator to be held must be conducted in the geographical area of the proposed discharge or any other area the Administrator determines to be appropriate. All public hearings must be conducted in accordance with NAC 445A.238.

The final determination of the Administrator may be appealed to the State Environmental Commission pursuant to NRS 445A.605.

**Schedule of Compliance and Special Conditions:** The Permittee shall implement and comply with the provisions of the schedule of compliance after approval by the Administrator, including in said implementation and compliance, any additions or modifications which the Administrator may make in approving the schedule of compliance.

- a. Permittee shall achieve compliance with the effluent limitations upon issuance of the permit.
- b. **Within 45 days of permit issuance (Month XX, 2006)**, Permittee shall submit current cross-connection control documentation required by part **I.B.10** of the permit and annually thereafter, due with the fourth quarter report. The cross-connection control inspection shall be conducted by an American Water Works Association certified cross connection control specialist.
- c. **Within 45 days of permit issuance (Month XX, 2006)**, Permittee shall submit a revised Effluent Management Plan (EMP) if the operation has been revised since the last submittal. **If the operation has not been revised so state within the above allotted time frame. The EMP shall be prepared, wet stamped and signed by a Nevada licensed Professional Engineer.**

**Rationale for Permit Requirements:** Effluent monitoring is required to track the quantity and quality of the reclaimed water being discharged to the groundwater of the State through landscape irrigation at the mortuary site.

**Proposed Determination:** The Division has made the tentative determination to issue (renew) the proposed permit for a period of five (5) years.

Prepared by: James T. Hogan  
May 2006